



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending July 11, 2010

## SCATTERED SHOWERS NOT ENOUGH FOR PARCHED FIELDS

Last week’s spotty rain showers did not bring enough moisture to fields to relieve crops from the stress of several successive hot and dry weeks. Pasture conditions have become noticeably worse in most places over the course of the continued dry spell. In some areas, cattle producers may have to start feeding hay soon if pasture conditions don’t improve. Cotton is progressing near the five year average and remains rated in mostly good condition. Tobacco, soybeans and corn have not fared as well, but are still rated in mostly fair to good condition. In particular, soybeans planted behind wheat have had a hard time getting started due to low soil moisture.

There were 7 days suitable for fieldwork last week. Topsoil moisture levels were rated 26 percent very short, 41 percent short, and 33 percent adequate. Subsoil moisture levels were 19 percent very short, 34 percent short, 46 percent adequate and 1 percent surplus. Temperatures ranged from about 2 to 5 degrees above average. Precipitation levels were mostly below average across the state.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2009	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	91	81	78	82	Corn	7	14	30	38	11
Corn – Dough	22	9	4	11	Cotton	0	2	25	62	11
Cotton – Squaring	86	77	81	89	Pastures	7	18	41	32	2
Cotton – Setting Bolls	18	10	5	19	Soybeans	3	7	28	53	9
Soybeans – Blooming	49	34	27	44	Tobacco	1	6	33	47	13
Soybeans – Setting Pods	21	5	5	18						
Tobacco – Topped	7	NA	6	6						

NA = Not Available

### County Agent Comments

*“We are continually missing rains that others are getting. It has become critical in most of the county. Most crops are suffering, especially on lighter soils. Later soybeans look the worse, with some wheat beans never germinating. Some spots have not had rain in at least 6 weeks. If this continues cotton will be done setting squares.”*  
**James Griffin, Lauderdale County**

*“The farmers in Fayette County are in dire need for rain. The crops are showing signs of stress. Pastures and hayfields are turning brown and hay will start to be fed soon. Ponds are losing water. Farmers were able to spray pesticides.”*  
**Jeff Via, Fayette County**

*“Tobacco growers with irrigation have been watering fields for the past two weeks. Black shank has been seen in several tobacco field this week. A few areas in the county that missed rains in June are seeing severe stress on corn.”*  
**Paul Hart, Robertson County**

*“Lack of rain over the past three weeks coupled with 90 degree plus temperatures have dramatically affected the corn, soybean, and cotton crop. Potentially the best crop ever has suffered, especially corn and soybeans that were in critical stages of pollination and grain fill.”*  
**Ed Burns, Franklin County**

*“Rain on Friday and throughout weekend. Big relief for everyone. Corn crop will be made on this rain. Soybeans starting to set pods. Will provide relief of pastures.”*  
**J. Dale Beaty, Warren County**

*“Some late blight is present in tomato crop, but has been kept under control.”*  
**Anthony Carver, Grainger County**

*“Early corn is in milk stage and struggling due to drought. Late corn is twisting and desperately needs rain. Soybeans are setting pods now and need rain. Tobacco is firing up the bottom leaves. Pasture is gone. Second cutting hay is not in sight. Milk production has decreased due to heat. Pinkeye problems and fly control have become widespread issues.”*  
**John Goddard, Loudon County**

TEMPERATURES AND PRECIPITATION										
For week ending: July 11, 2010 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 11, 2010				Current Week 7/11/10	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	97	66	83	4	0.02	1	30.73	1.16	17.65	1.85
Brownsville_TN	95	69	83	4	0.00	0	36.80	7.22	25.24	9.46
Covington	93	68	81	2	0.40	1	32.65	3.36	21.04	5.43
Dyersburg	97	68	82	3	0.50	2	21.35	-6.48	11.58	-3.43
Huntingdon_Wate	95	66	81	3	0.30	3	28.81	-0.35	18.24	2.84
Jackson_Exp_Stn	96	69	82	4	0.32	2	39.78	10.26	28.46	12.22
Lexington_TN	94	65	81	3	0.00	0	36.54	8.26	23.30	8.21
Martin	96	64	80	3	0.07	2	23.41	-5.78	13.28	-2.67
Memphis_AG	96	69	83	2	0.24	2	33.75	4.93	20.79	5.46
Milan	95	65	81	3	1.14	2	41.11	10.98	31.42	14.91
Paris	94	64	79	2	0.31	1	28.04	-0.47	19.09	4.09
Savannah_6SW	95	65	81	3	0.62	2	36.70	4.41	21.48	4.65
Selmer	95	65	82	5	0.27	1	34.95	3.03	21.00	4.32
Union_City	94	66	80	2	0.09	2	24.73	-4.10	12.69	-2.96
Middle										
Clarksville_Sew	96	68	82	5	0.08	2	28.81	1.04	21.79	7.67
Cookeville	96	61	78	4	1.11	2	29.00	-2.11	13.95	-2.13
Crossville_AP	94	63	78	6	0.16	2	26.25	-4.60	13.19	-2.64
Dickson_AG	93	62	78	0	0.06	2	34.57	4.59	22.72	6.75
Dover_1W	93	66	80	4	0.28	2	30.89	1.99	22.77	7.77
Fayetteville_TN	97	62	81	5	0.60	3	26.17	-4.19	11.37	-3.71
Jamestown	93	60	77	4	1.81	1	29.61	-0.34	15.83	-0.28
Kingston_Spring	99	63	81	5	0.18	1	32.62	4.03	21.88	7.26
Lawrenceburg_Fl	95	66	80	5	0.10	1	32.30	1.16	15.49	0.17
Lewisburg	97	57	80	4	1.67	3	28.68	-1.90	16.65	0.65
Linden	94	62	79	3	0.66	2	34.08	2.91	23.12	6.94
Livingston_WLIV	95	62	79	4	0.57	3	32.68	4.03	17.86	2.73
Murfreesboro_5N	95	57	79	2	0.28	2	35.30	6.12	22.49	7.09
Nashville_Metro	98	67	82	4	0.97	1	36.25	9.79	25.83	11.61
Oneida	94	60	76	4	2.00	1	27.41	-2.59	15.29	-0.84
Portland_TN	96	68	81	5	0.70	3	23.75	-5.14	18.66	3.07
Pulaski_Water_P	95	59	78	-1	1.67	2	30.62	-0.05	16.57	1.29
Shelbyville	97	65	82	5	0.64	2	29.13	-1.31	16.49	0.93
Sparta_TN	97	61	79	4	0.78	2	32.55	2.29	14.36	-1.33
Springfield	96	67	81	5	0.05	1	31.95	4.22	21.30	6.44
Springhill	99	60	81	5	0.84	2	31.79	1.01	18.46	2.29
Tullahoma	95	63	79	3	0.60	2	28.73	-3.03	14.17	-1.62
East										
Chattanooga/Lov	100	65	83	5	0.69	2	24.07	-5.55	10.71	-3.18
Cleveland_6NNE	100	60	81	5	0.45	3	25.10	-5.51	10.85	-4.20
Dayton	98	63	79	3	0.43	2	28.75	-2.24	14.25	-0.72
Erwin_1W	96	61	78	6	0.56	1	17.95	-8.89	10.45	-4.88
Gatlinburg_2SW	95	61	77	6	0.45	1	25.58	-5.14	14.66	-2.12
Greeneville	99	62	79	4	0.39	1	17.86	-5.66	10.54	-2.29
Kingston_AG	98	65	81	7	0.45	1	29.59	-2.54	15.26	-0.79
Knoxville_AP	99	68	82	7	0.17	1	20.15	-6.69	8.12	-5.40
Newcomb	96	61	78	5	2.05	1	25.08	-4.92	13.78	-2.35
Norris_4NE	93	61	77	2	1.20	1	36.75	7.61	22.60	7.35
Tri-City_RGNL_A	97	60	79	6	0.29	1	16.01	-6.58	8.04	-4.18

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.  
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